



HPL-1319-CW/150~220W

SPECIFICATIONS

**WATER COOLING LD PUMPED
ALL-SOLID-STATE CW
INFRARED LASER at 1319nm**

All solid state CW infrared laser at 1319nm has the features of ultra compact, long lifetime, low cost and easy operating, which is used in scientific experiment, optical instrument, optical sensor, measurement, spectrum analysis, and so on.



Wavelength (nm)	1319±1
Operating mode	CW
Power (W)	>150,160, ..., 220
Ave power stability (over 4 hours)	<3%, <5%
Beam divergence, full angle (mrad)	<3.5
Beam diameter at the aperture(1/e ²) (mm)	<15
Beam height from base plate (mm)	61
Warm-up time (minutes)	<10
Cooled method	Water Cooled (Choose water chiller according to power)
Operating temperature (°C)	15~35
Power supply (220/110VAC)	PSU-HPL-CW*2
Expected lifetime (hours)	10000
Warranty period	1 year
Pilot light (optional)	5mW @650nm(optional)



HPL-1319-CW (150~220W)	PSU-HPL-CW	Water Chiller
<p>583 (L) × 270(W) × 129(H) mm³, 15kg</p>	<p>288(L) × 482(W) × 90(H) mm³, 5.5kg</p>	<p>470 (L) × 565(W) × 900(H) mm³, 75kg 525 (L) × 595(W) × 1015(H) mm³, 95kg</p>